

Appl. No. 10/733,003

Response dated February 26, 2007

Reply to Office Action of December 5, 2006

Amendments to the Specification:

Please see the attached amendments as noted on the specific pages and paragraphs of each addition.

At page 20, line 11, change the paragraph to read as follows:

In an exemplary embodiment, three types of data providers are included within the OLE DB Data Provider [[20]] 25: (1) Enterprise Database Server data provider such as Unisys.DMSII, which supports read/write access to data from the Enterprise Database Server 104; (2) MCP Data File data provider such as Unisys.NXFile, which allows read-only access to data from MCP sequential, relative and indexed (KEYEDIO and KEYEDIOII) files; and (3) DMS (Data Management System) data provider, which allows access to databases on ClearPath OS 2200 databases. Generally, a client application 100 initiates one such data provider 25 for each database 104 from which it requires data by creating an instance of the data provider object 25 as data source. A client application 100 can initiate simultaneous data provider objects 25. The databases 104 can be on the same or different systems. In turn, the data provider object 25 starts a single transport object 26 and Worker 27 which retrieve data from the database 104 and returns it to the data provider object 25 for presentation to client application 100. In an exemplary embodiment using the Windows™ application, a Microsoft multithreading operation is supported during this process.

At page 30, line 26, change the paragraph to read as follows:

If the session in transaction AND IsolationLevel is greater than READ UNCOMMITTED (YES to inquiry 602), then the process stops and rows cannot be fetched from the index (Block 603). If the session in transaction AND IsolationLevel is not greater than READ UNCOMMITTED (NO to inquiry 602), a 'Defer' flag is sent to Worker to indicate that rows are to be fetched from Index only (Block 604). The process then stops at step 605. It should be noted that among the four isolation levels described earlier, the lowest isolation level Read Committed does not ensure at all that the transaction is in isolation from the effects of other

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concurrent transactions while the highest isolation level Serializable ensures that the transaction is completely in isolation from the activities of other concurrent transactions.